



National Aeronautics and Space Administration
Goddard Space Flight Center
Wallops Flight Facility, Wallops Island, Virginia

Inside Wallops

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NASA Selects Student Experiments

NASA has selected students from six high schools around the country to prepare and fly experiments on future NASA space flights.

"By participating in the NASA Student Involvement Program, these students will get hands-on experience in science and engineering fields," said Lynn Marra, NASA Student Involvement Program (NSIP) Manager.

During the next four months students and their teachers will work with engineers and technicians from the NASA Wallops Flight Facility to prepare their experiments. The experiments will be flown on a NASA suborbital sounding rocket in June or on a future Space Shuttle flight, following the program's return to flight.

Eight teams from the six schools were competitively selected to participate in the national program. Four of the NSIP teams will participate in the sounding rocket program and four will participate in the Space Shuttle program. Each team will spend one week in June at Wallops.

The students with sounding rocket experiments will be participating in

the final preparations of the experiments and launch reviews, receive instruction in rocketry, view the launch of the rocket and begin analysis of their data.

The student teams with Space Shuttle experiments will participate in the final preparations and testing of the experiments, tour the Wallops operations, and give technical presentations on their experiments. These experiments will be placed in a Space Experiment Module for flight in the Space Shuttle cargo bay.

The winning entrees are:

Sounding Rocket Experiments:
Glenbrook North High School, Northbrook, Ill.
Columbus High School, Columbus, Ga.
Sauk Rapids-Rice High School, Sauk Rapids, Minn.
Delta Cyber School, Delta Junction, Alaska

Space Shuttle Experiments:
Glenbrook North High School, Northbrook, Ill.
Agoura High School, Agoura Hills, Calif.
Columbus High School, Columbus, Ga.
Cambridge Ridge and Latin High School, Cambridge, Mass.

Wallops Shorts..... In the News

Articles that have appeared in the Antarctic Sun, McMurdo Station, Antarctica

"Balloons Up and Away – TRACER Takes Flight"

"Test Flight Preps Way for Hunt for 'Killer' Particles"

"Kids Play at Balloon Science"

"Telescope Takes Ride"

"Flying TIGER"

On the Road

Ed Parrott, Wallops Teacher-On-Loan, made a presentation to student teachers at Salisbury University on February 18.

Henry Cathey, New Mexico State University's Physical Science Laboratory, gave a talk to kick off Engineer's Week at the University of Virginia.

Dr. Magdi Said, NASA Balloon Program Office, gave two seminars at the Textile and Management School of North Carolina State University, Raleigh, NC. The first seminar was given to graduate students and faculty members and was titled "Balloon Program Office and its Links to the Textile Industry". The second seminar was given to the freshman class at the school and was titled "The Ties Between Academics and Real Life Engineering Practice". The two seminars sparked intense interest by both faculty and students about the balloon program activities and challenges.

Code T Presentation

NASA employees are invited to attend an overview of the organizational structure and management priorities the agency has established to achieve the exploration goals in human and robotic technology and transportation systems contained in the nation's Vision for Space Exploration.

The session will be conducted on March 2 from 11 a.m. to 1 p.m. EST in the NASA HQ auditorium. The briefing will be carried live on NASA Television, Wallops Channel 6. The overview presentations will be restricted to the concept of operations governing NASA's Office of Exploration Systems activities.



Photo by Keith Koehler

Second graders at St. Francis de Sales' in Salisbury, their siblings and parents participated in Space Night at the school on February 12. During the evening, students learned about NASA space exploration activities, astronomy and rocketry. Above, Ed Parrott, Wallops' Teacher-on-Loan, assists students in launching rockets. Also supporting the event from Wallops were Dave Pierce, University Class Projects Office and Keith Koehler, Public Affairs Office. About 120 people attended the event.

Celebrating Women's History Month

by Terry Ewell

In celebration of Women's History Month, Wallops employees are invited to a panel discussion on March 10 featuring "Pioneering Women of Goddard: Women Inspiring Hope and Possibility".

Those of you that enjoyed the panel discussion featuring "Pioneering Women of the Eastern Shore" held during the American Heritage Week in October 2003 will find this panel equally exciting.

Members of the panel will include: Lisa Johnson
Equal Opportunity Officer, Equal Opportunity Programs Office

Caroline Massey
Assistant Director for Management Operations Directorate

Peggy Jester
Computer Systems Analyst/Manager, Raytheon Information Technology and Scientific Services

Alison McNally
Associate Director, Office of the Director

Sharon Wong
Special Assistant for Diversity, Office of the Director

These women will offer insights into their special strengths, characteristics, and values; reflect on what has personal meaning and value in their lives; and what inspires or calls them to action.

You are invited to visit the National Women's History Project website at <http://www.nwhp.org/> to learn more about National Women's History Month, and join us on March 10, 2004, at the Williamsburg Room in the Building E-2 Cafeteria as we honor "Pioneering Women of Goddard."



Wallops Black History Club Announces Student Winners

Each year during the Black History Club's evening of entertainment the names of students receiving academic achievement awards are announced.

The awards are given to students showing promise in math, physical science, computer science, engineering or technology.

Those receiving awards this year are Keyanna Conner, Wattsville, a chemistry major at Hampton University; Major Smith, Salisbury, a student at Wicomico High School and Kimberly Taylor, Berlin, a student at Stephen Decatur High School.

Aaron Deal, Maryland Teacher of the Year, was the guest speaker. Approximately 100 people attended this year's event which held at the Cropper Center on February 21.

WOW Employee Profile

The Women of Wallops Federal Women's Program Committee proudly celebrates Black History Month with the following Wallops employee profiles:

Sharone Corbin, Photographic Clerk and Conference Assistant
LJT and Associates, Inc.

Valerie Mackritis, Resource Analyst
Code 801

Renay Taylor, Lead Traffic Management Specialist
Cortez, Inc.

To see the profiles visit: <http://www.wff.nasa.gov/~FWP/profiles/index.html>

Did you know the Wallops Environmental Office Website has a Carpooling Data Base – check it out on their new website: <http://www.wff.nasa.gov/~code250/>

For Rent

Apartment on Chincoteague, spacious, 2 bedroom, close to town, quiet neighborhood, \$500/month plus electricity, \$500 deposit. Available in April, Contact Jerry Doyon on (757) 336-0065.

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Editor: Betty Flowers

Wallops Provides Training for the Norwegians

Frank Schmidlin, NASA Observational Science Branch Recently, and Prentiss Moore, of LJF Associates recently visited the Andoya Rocket Range, Norway, to train personnel in the preparation, flight, and processing of balloon-borne chilled mirror instruments.

The Norwegian Space Center's, Andoya Rocket Range in an

agreement with NASA Goddard Space Flight Center will release chilled mirror instruments for a period of up to 20 weeks from January to June.

This project provides validation to the Earth Observing System (EOS) satellite program, specifically the Atmospheric Infrared Sounder (AIRS) on AQUA.



Photo by Frank Schmidlin

Local school children in Andenes (Norway) were very interested in the project and often watched as Prentiss Moore (right) released the balloons.